**NOTES:**

1. ALL STEEL HARDWARE TO BE HOT DIP GALVANIZED OR STAINLESS STEEL UNLESS OTHERWISE STIPULATED IN THE DRAWINGS
2. SPAN WIRE SHALL BE ALUMINUM COATED STEEL
3. SPREAD THIMBLE TO FIT THE BAIL OF THE AUTOMATIC DEAD END

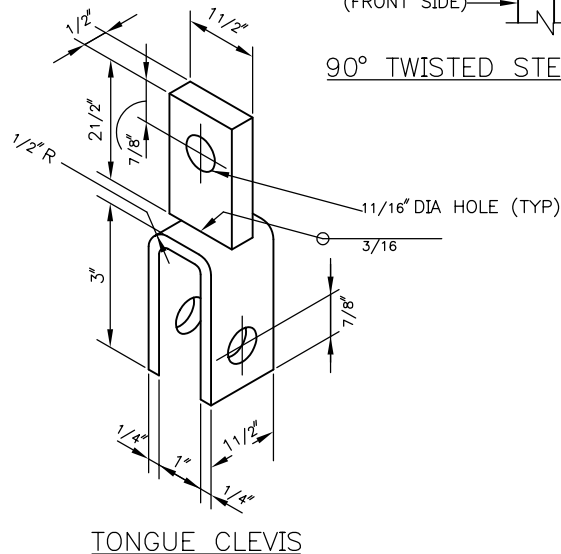
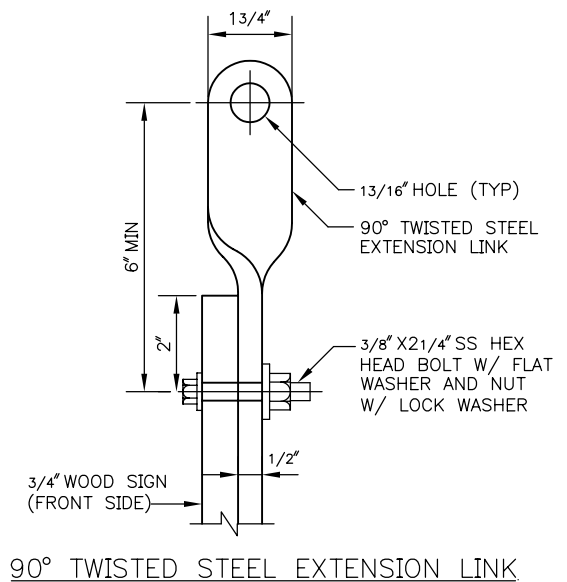
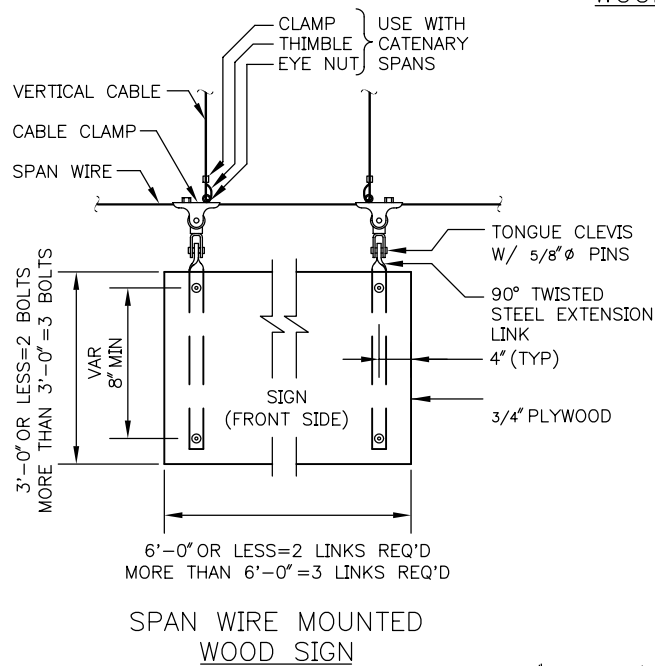
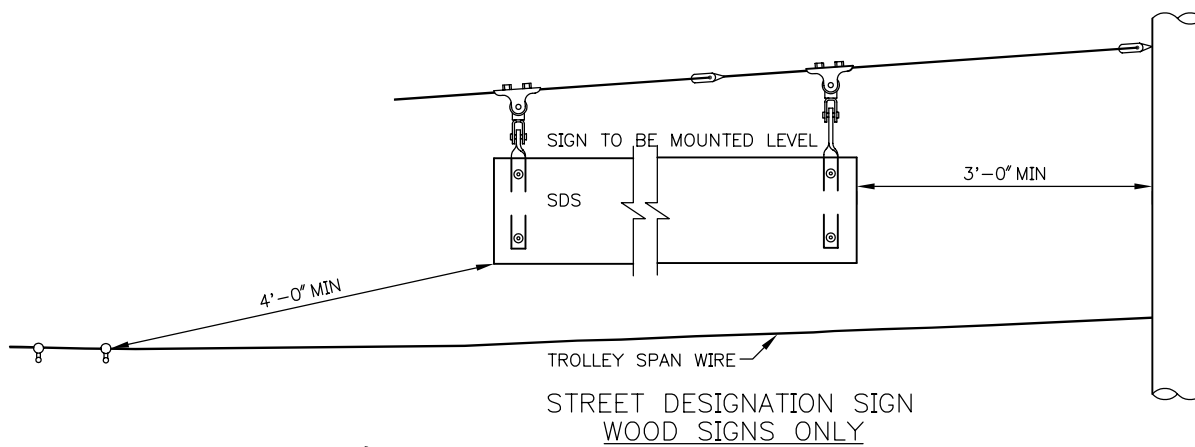
REF STD SPEC SEC 8-21 &amp; SCL MATERIAL STANDARD 6901.1



City of Seattle

NOT TO SCALE

SPAN WIRE INSTALLATION



## NOTES

1. ALL HARDWARE SHALL BE STAINLESS STEEL. OTHER THAN HARDWARE SHALL BE HOT DIP GALVANIZED.
2. NEOPRENE GASKETS SHALL NOT BE USED FOR SPAN WIRE OR AERIAL CONNECTIONS.

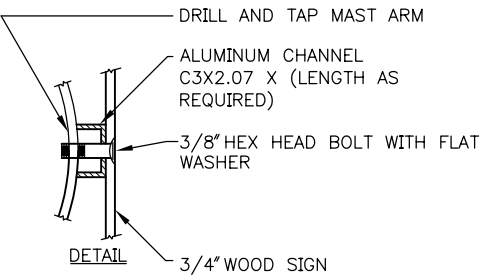
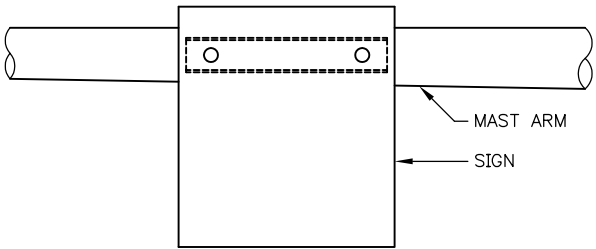
REF STD SPEC SEC 8-21



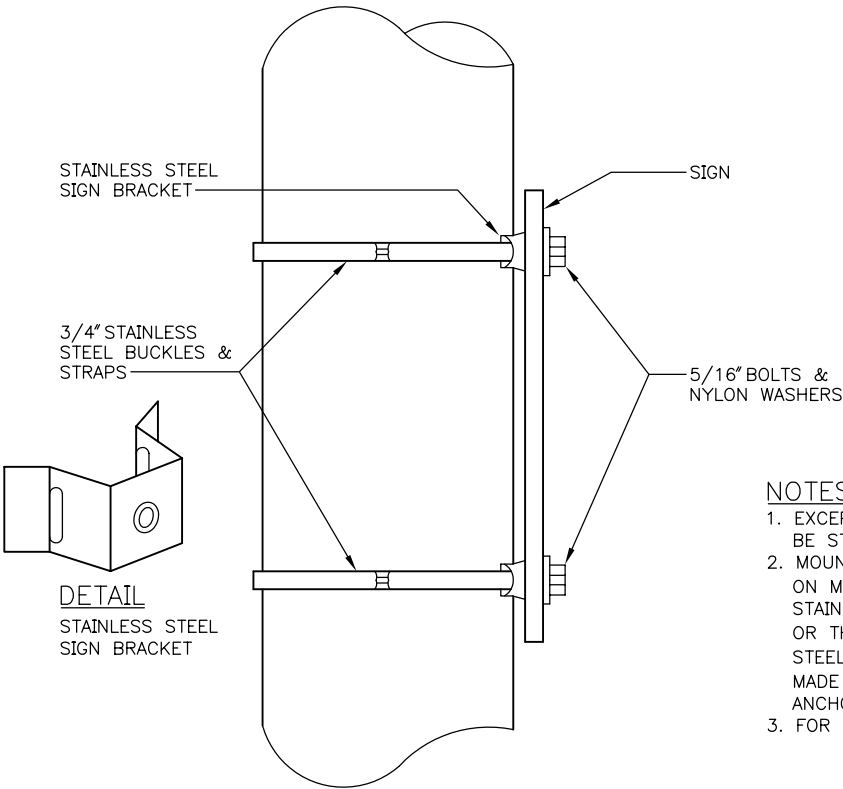
City of Seattle

NOT TO SCALE

OVERHEAD WOOD SIGNS  
SPANWIRE MOUNTED



SIGN MOUNTING ON MAST ARM



NOTES:

1. EXCEPT AS NOTED OTHERWISE, ALL HARDWARE SHALL BE STAINLESS STEEL.
2. MOUNTING OF TRAFFIC SIGNS SHALL BE AS FOLLOWS:  
ON METAL POLE THINNER THAN 7 GAUGE, USE 3/8" STAINLESS STEEL RIVNUTS ON METAL POLES 7 GAUGE OR THICKER, DRILL AND TAP FOR 3/8" BOLT (STAINLESS STEEL RIVNUT OPTIONAL) ON POLES FILLED WITH OR MADE FROM CONCRETE, USE 3/8" X2 1/2" MIN STUD BOLT ANCHORS WITH HEX NUT
3. FOR SIGN FEATURE, CONTACT TRAFFIC ENGINEER

TEMPORARY SIGN MOUNTING ON METAL POLE

REF STD SPEC SEC 8-21



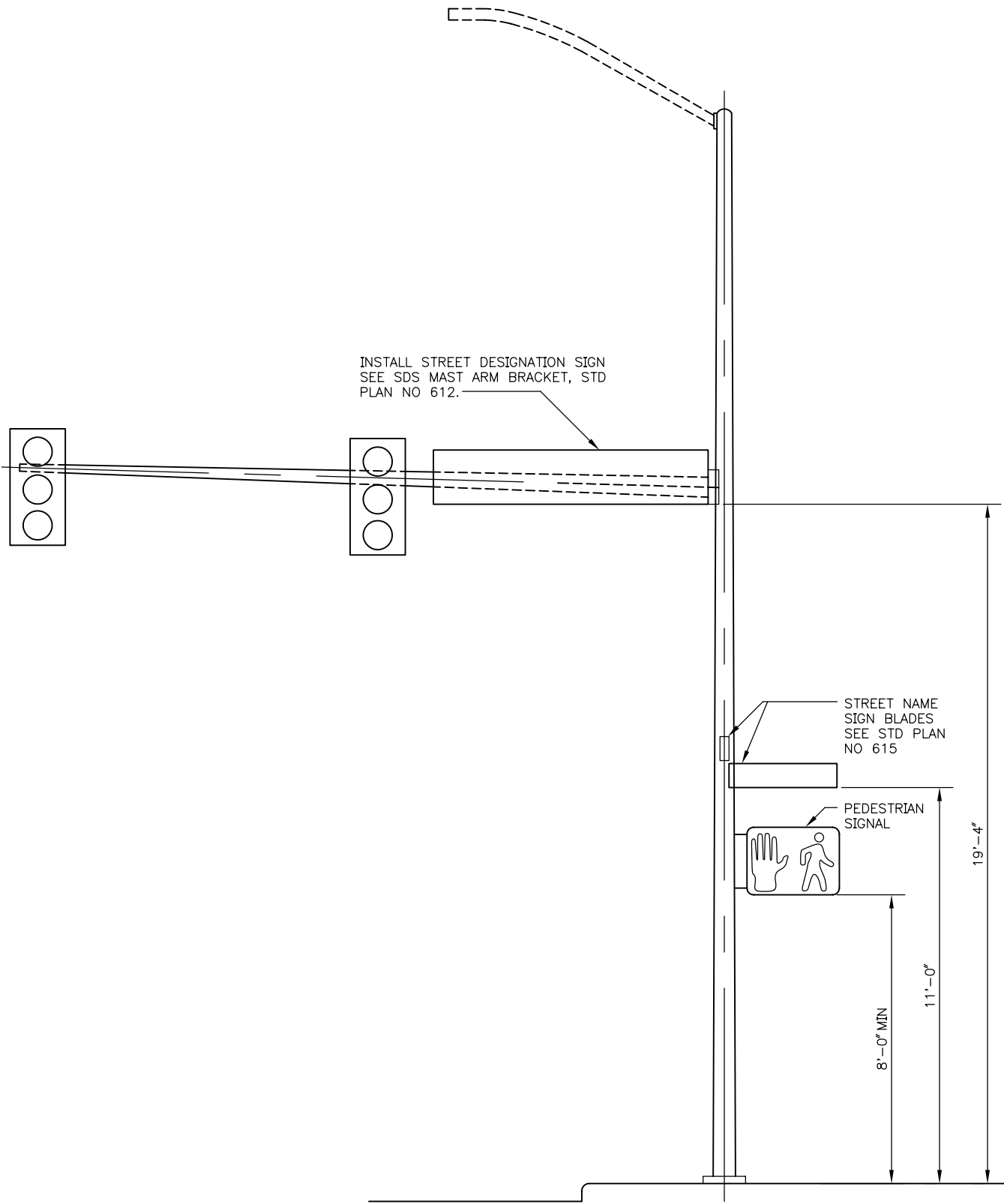
City of Seattle

NOT TO SCALE

SIGN INSTALLATION  
(NON-SPANWIRE MOUNTING)

STANDARD PLAN NO 610

REV DATE: 2003



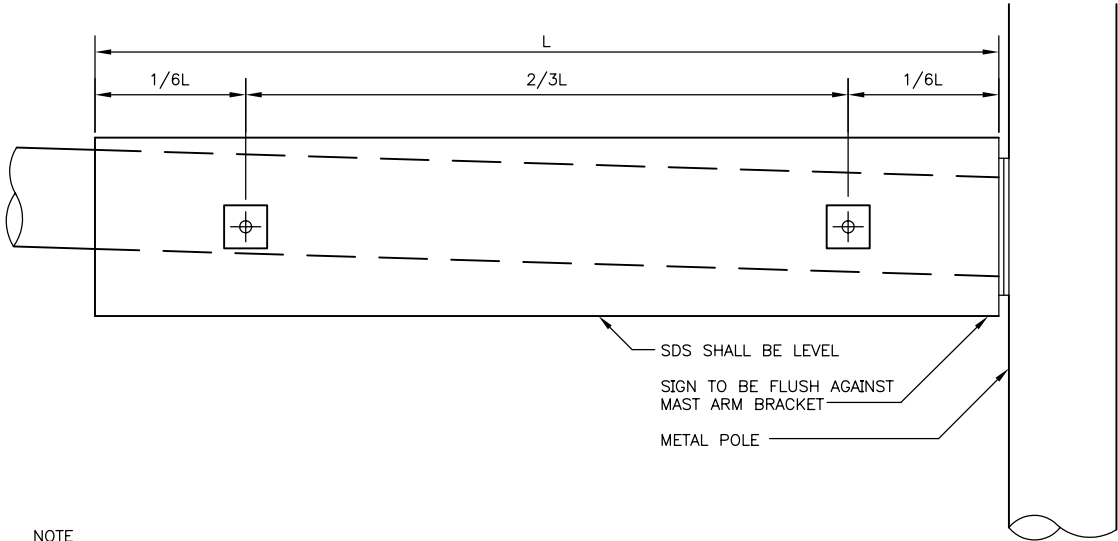
REF STD SPEC SEC 8-21



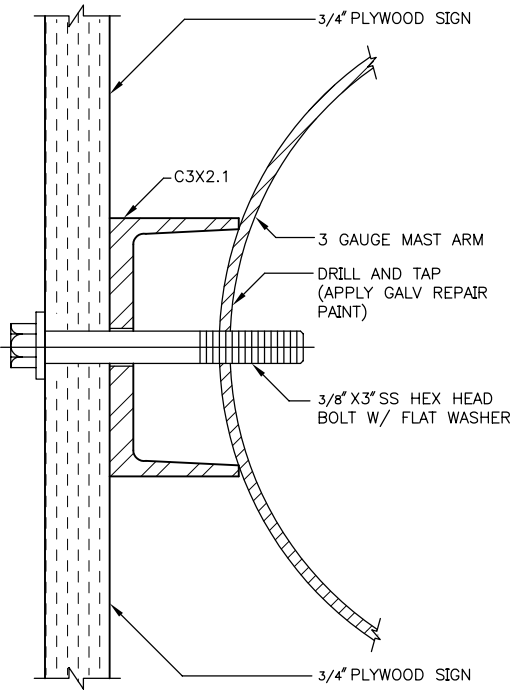
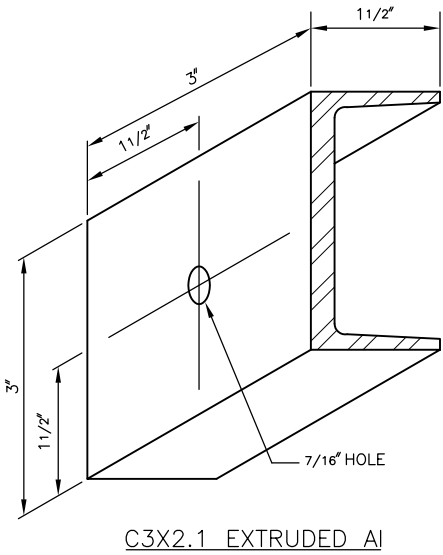
City of Seattle

NOT TO SCALE

STANDARD SIGN INSTALLATION  
STEEL POLES



NOTE  
ALL HARDWARE SHALL BE  
STAINLESS STEEL.



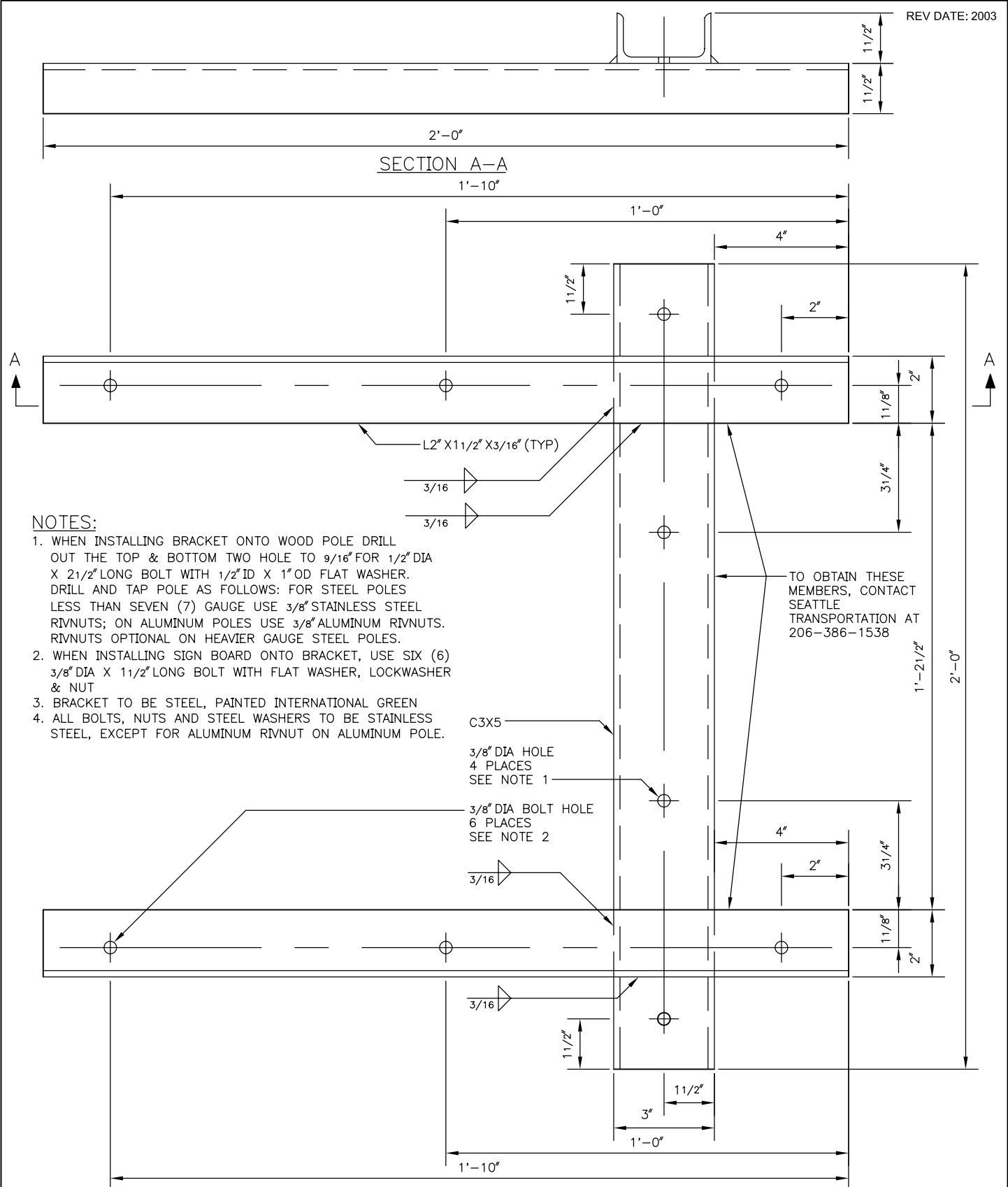
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

SDS BRACKET FOR STEEL  
MAST ARM POLES



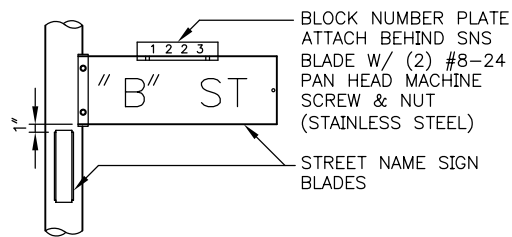
REF STD SPEC SEC 8-21



City of Seattle

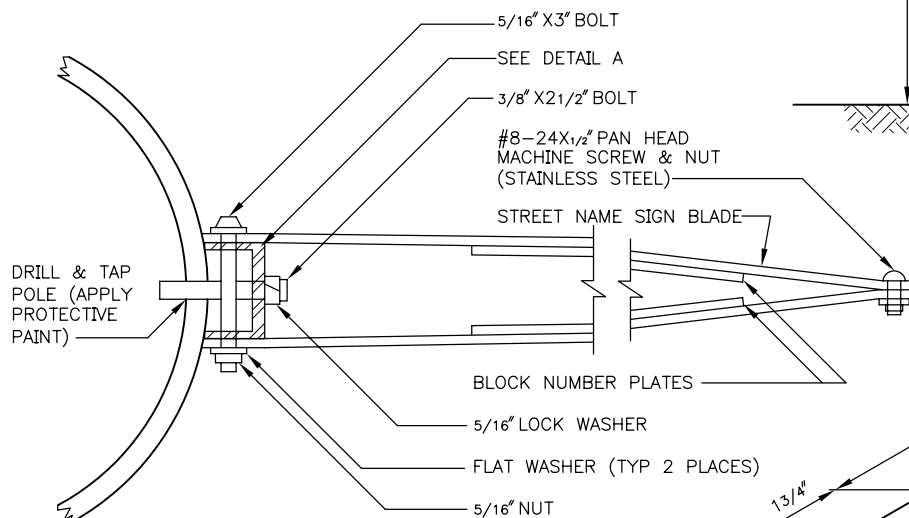
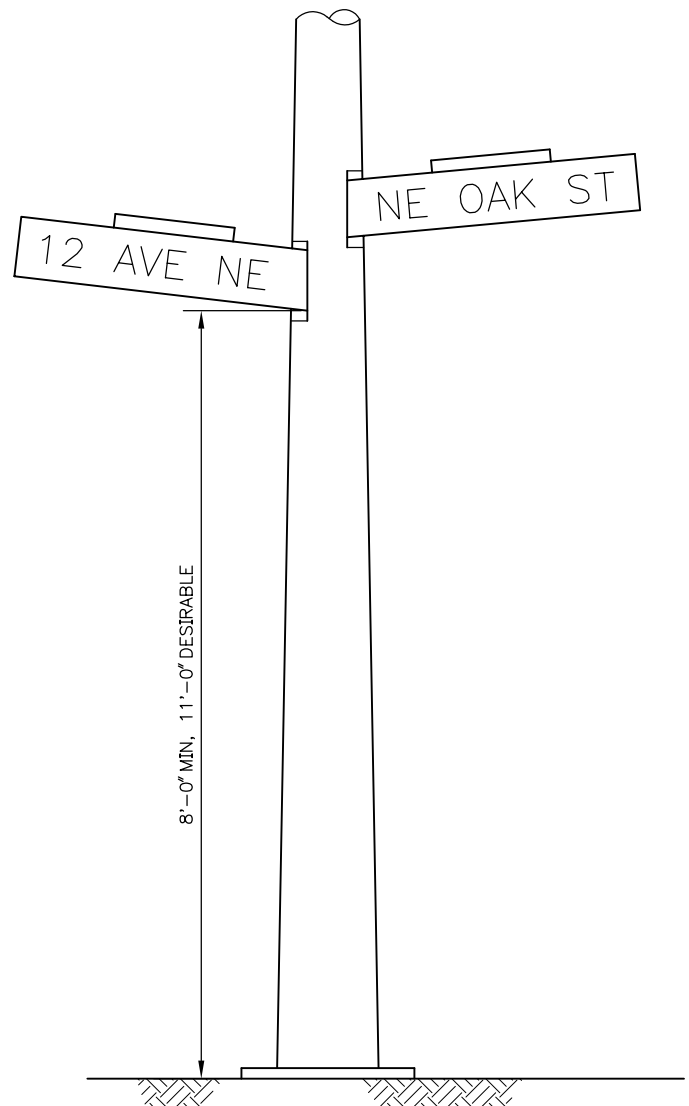
NOT TO SCALE

SDS BRACKET FOR STEEL  
OR WOOD POLES

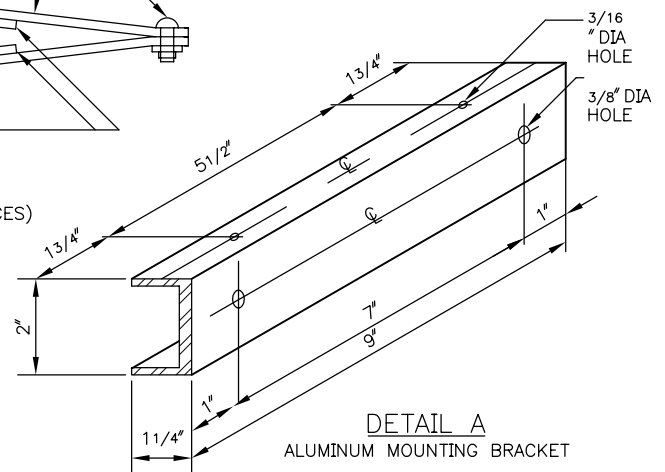


## NOTES:

1. STAGGER SNS BLADES WITH THE "AVENUE" DESIGNATION BLADE BELOW THE "STREET" DESIGNATION BLADE
2. SNS SHALL BE INSTALLED PARALLEL TO CORRESPONDING STREET
3. ALL NUTS, BOLTS & WASHERS TO BE STAINLESS STEEL EXCEPT ALUMINUM RIV NUTS ON ALUMINUM POLES.



ON ALUMINUM POLES USE 5/16" ALUMINUM RIVNUTS  
FOR STEEL POLES LESS THAN SEVEN (7) GAUGE USE  
5/16" STAINLESS STEEL RIVNUTS  
(RIVNUTS OPTIONAL ON HEAVIER GAUGE STEEL POLES)



REF STD SPEC SEC 8-21



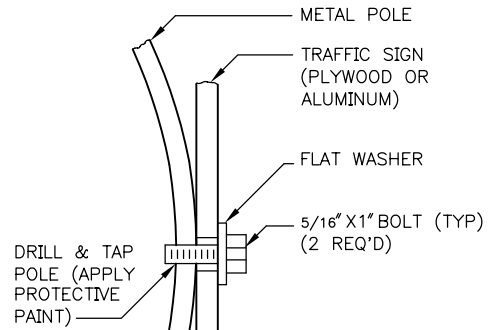
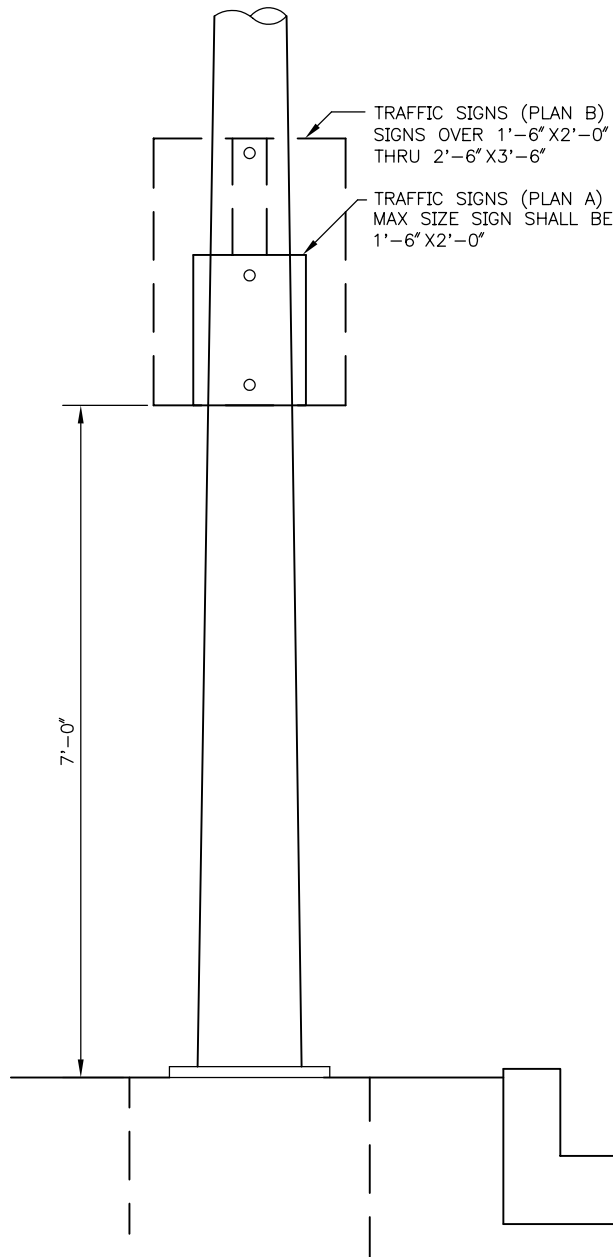
City of Seattle

NOT TO SCALE

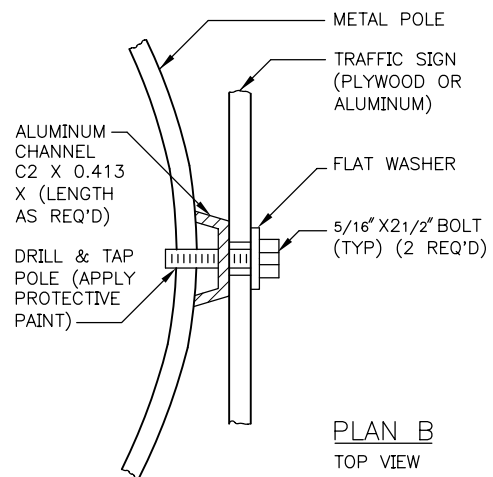
SNS BRACKET FOR  
STEEL POLES

# STANDARD PLAN NO 616

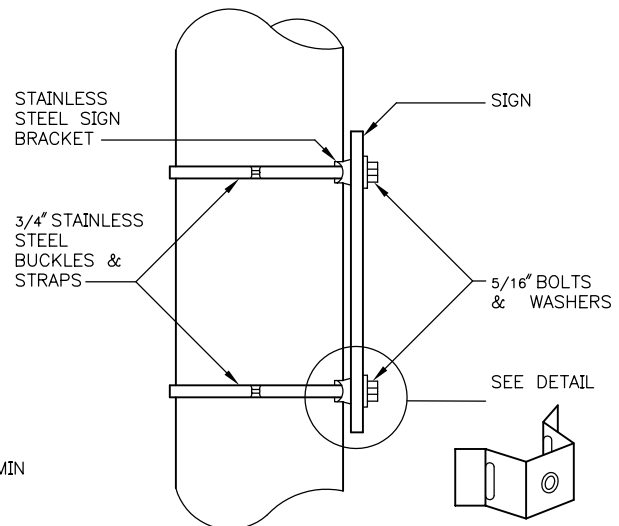
REV DATE: 2003



PLAN A  
TOP VIEW



PLAN B  
TOP VIEW



PLAN C  
SIDE VIEW

DETAIL  
STAINLESS  
STEEL SIGN  
BRACKET

## NOTES:

1. FOR STEEL POLES LESS THEN SEVEN (7) GAUGE USE 5/16" STAINLESS STEEL RIVNUTS. STAINLESS STEEL RIVNUTS OPTIONAL ON HEAVIER GAUGE STEEL POLES
2. ON ALUMINUM POLES USE 5/16" ALUMINUM RIVNUTS
3. ON POLES FILLED WITH OR MADE FROM CONCRETE USE 5/16" X 2 1/2" MIN STUD BOLT ANCHORS WITH HEX NUT
4. FOR SIGNS OVER 2'-6" X 3'-6" USE STD PLAN NO 612. MOUNT SIGNS VERTICALLY ON STRAIN POLE WITH THREE (3) FASTENERS MIN
5. FOR DARK COLORED POLES PAINT BAND TO MATCH POLE
6. ALL HARDWARE TO BE STAINLESS STEEL.

REF STD SPEC SEC 8-21

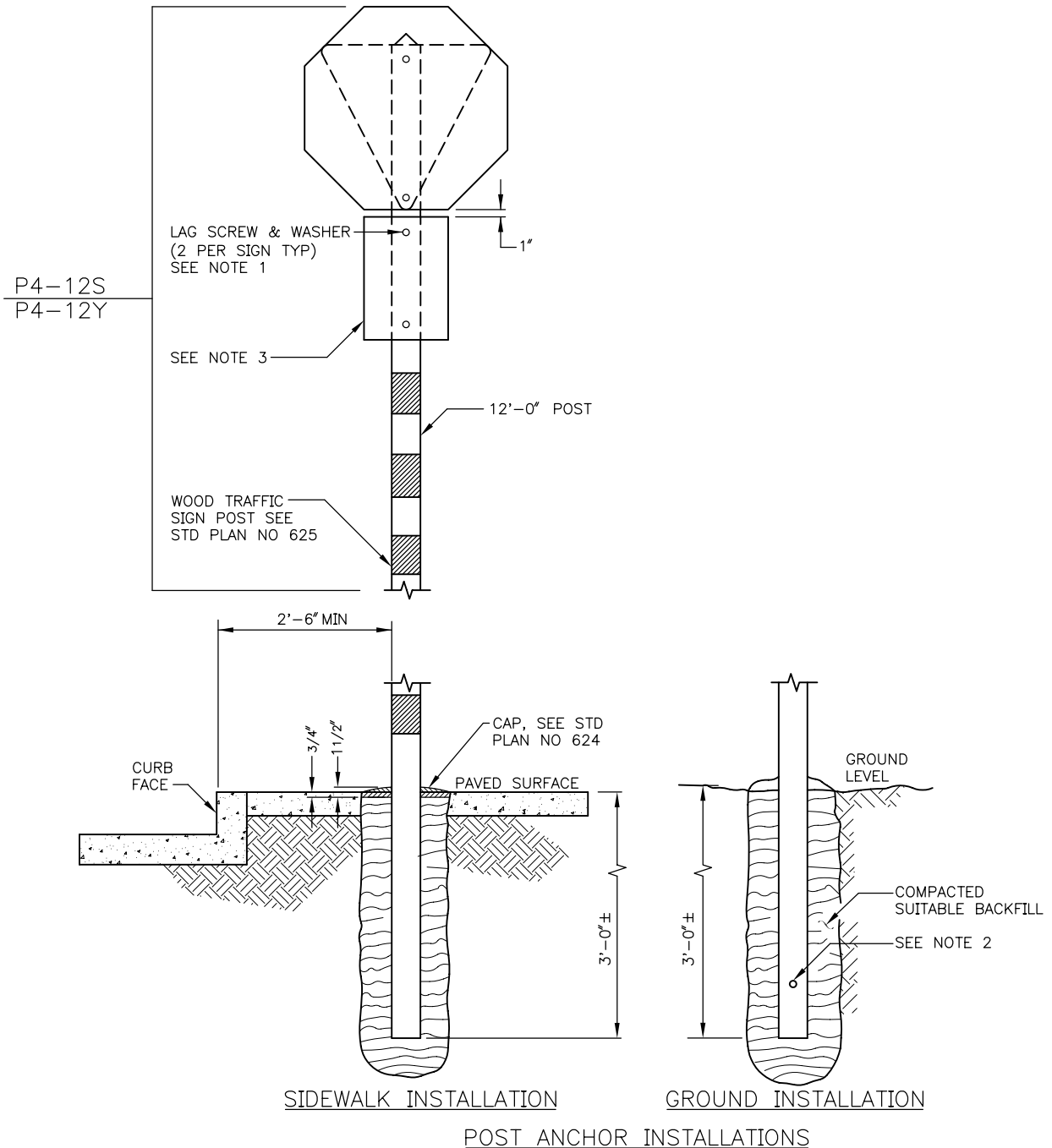


City of Seattle

NOT TO SCALE

TRAFFIC SIGN MOUNTING  
ON METAL POLES



NOTES:

1. 5/16" X 3 1/4" GALVANIZED OR PLATED LAG SCREW & 3/8" ID X 1" OD NYLON WASHER
2. INSTALL 30D GALV COMMON SPIKE ON THE FACE SIDE OF POST EXCEPT WHEN CONCRETE PAVING EXISTS. SPIKE SHALL BE 8" ABOVE BOTTOM OF POST AND SHALL PROTRUDE 2" FROM POST
3. CONTACT SEATTLE TRANSPORTATION (684-5087) FOR DETAILS REGARDING SIGN MESSAGE AND FOUNDATION
4. SIGN POST MATERIAL SHALL BE STANDARD GRADE WESTERN RED CEDAR

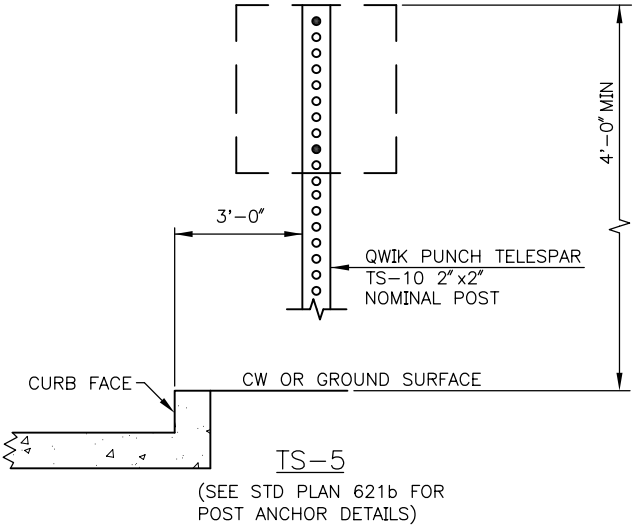
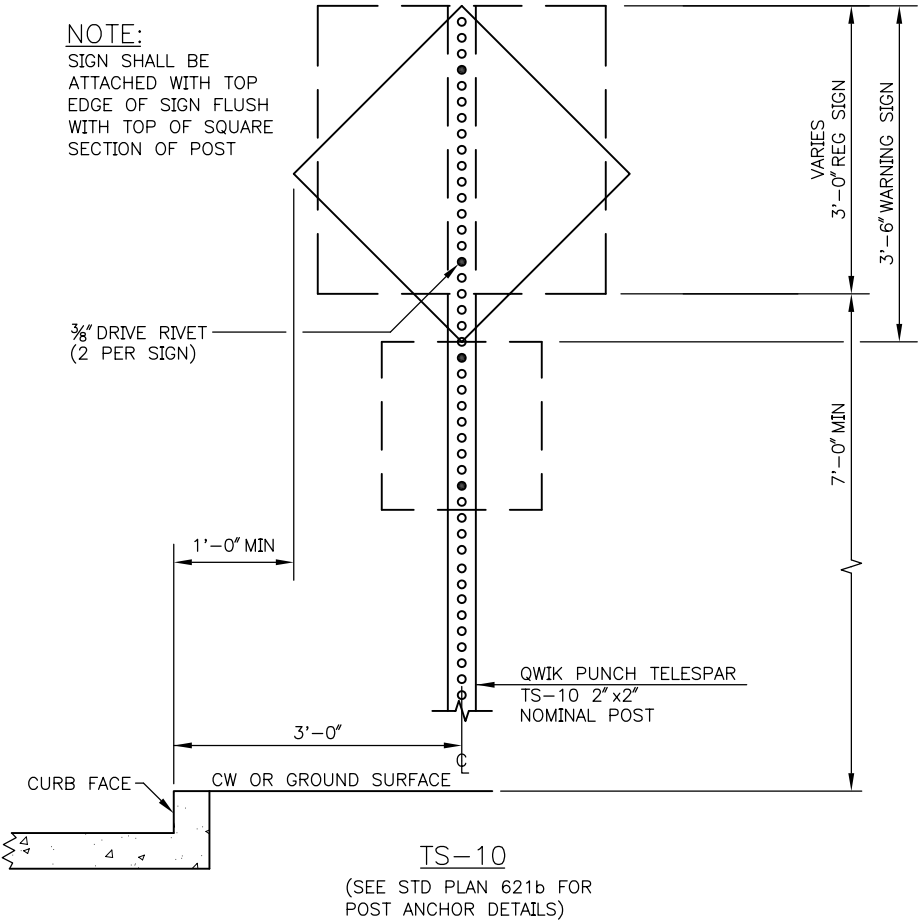
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

STOP AND YIELD SIGN  
WOOD POST AND  
ANCHOR INSTALLATION



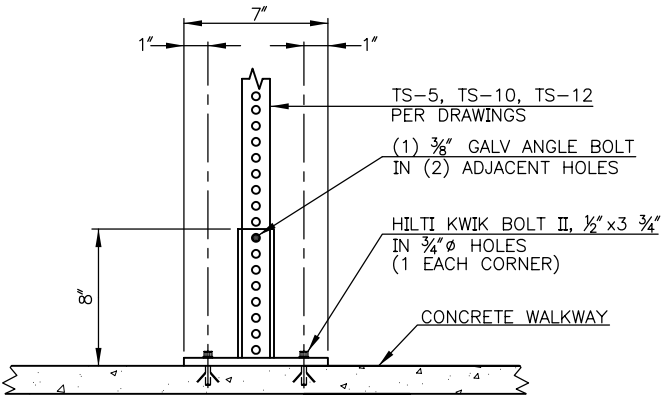
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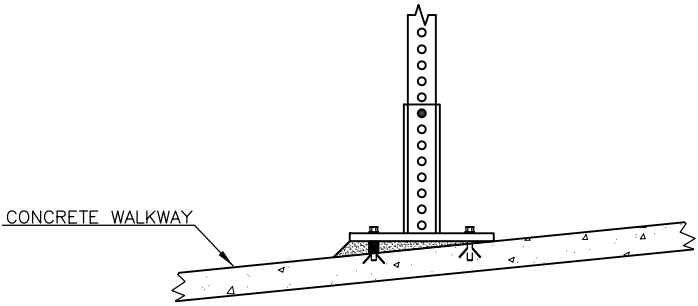
City of Seattle

NOT TO SCALE

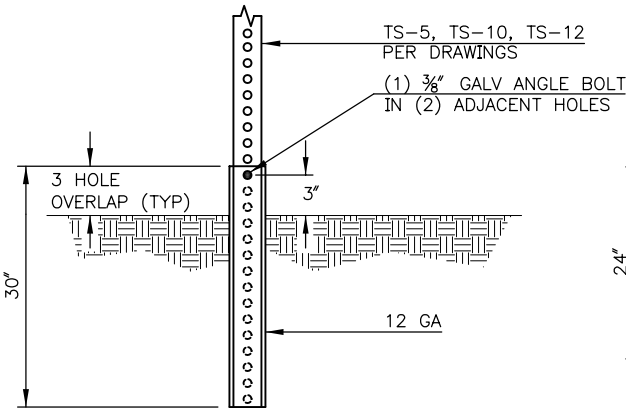
WARNING AND REGULATORY  
SIGN POST



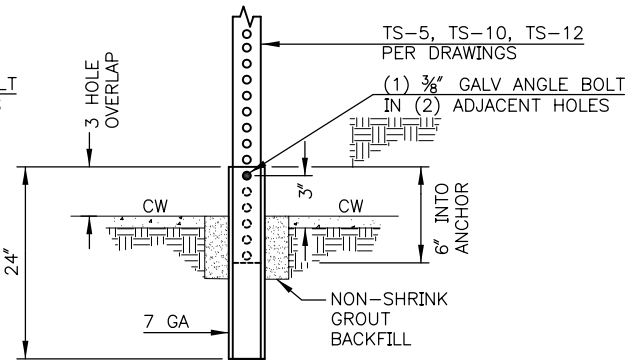
SURFACE MOUNT



NOTE: FOR UNEVEL SIDEWALKS INSERT WASHERS AS SPACERS BETWEEN PLATE AND SIDEWALK. GROUT ALL SPACE AS SHOWN. IF BOLT CANNOT PENETRATE SIDEWALK AT LEAST 2", CONTACT THE ENGINEER.



LIGHT DUTY ANCHOR



HEAVY DUTY ANCHOR

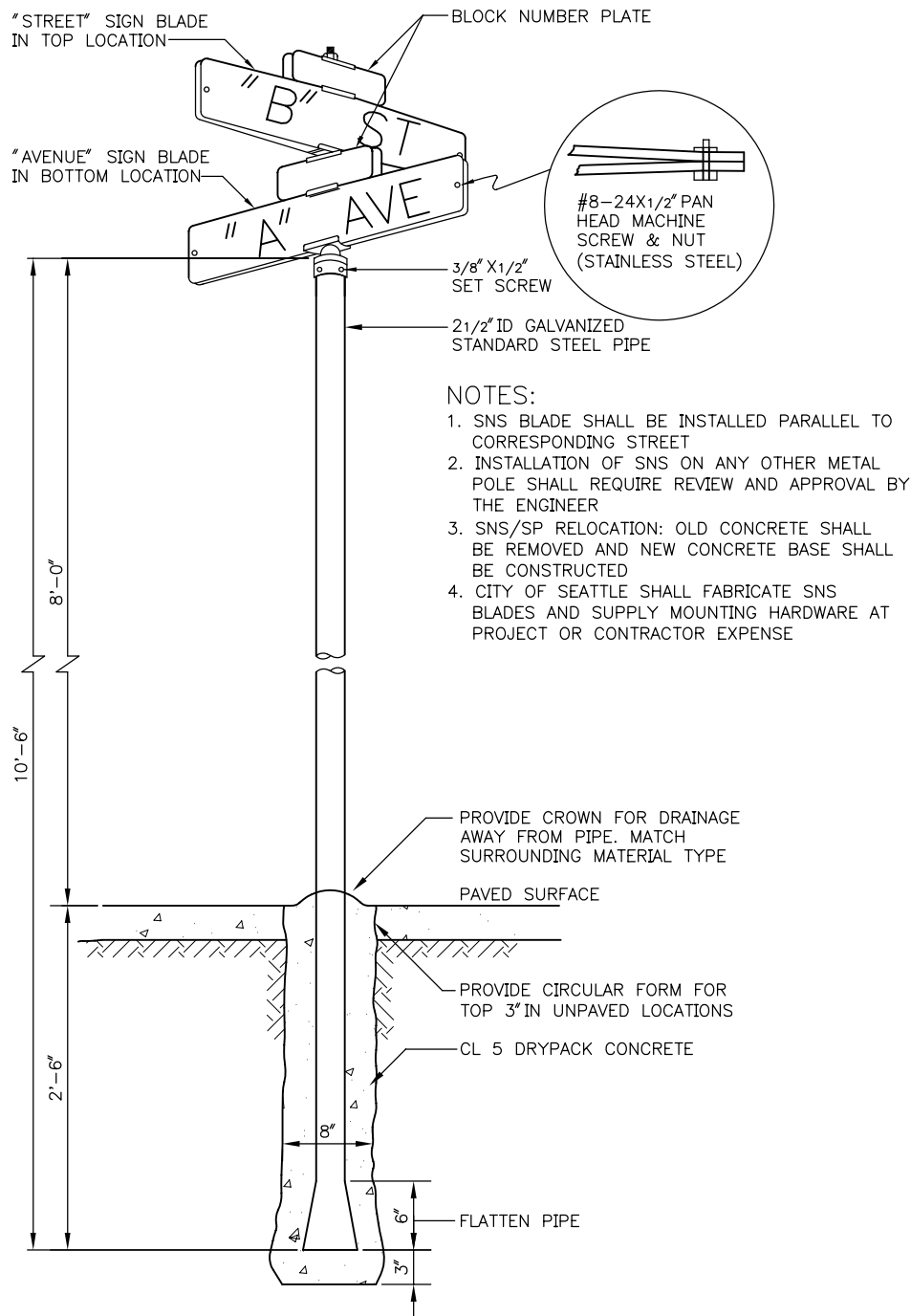
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

WARNING AND REGULATORY  
SIGN POST ANCHOR INSTALLATIONS



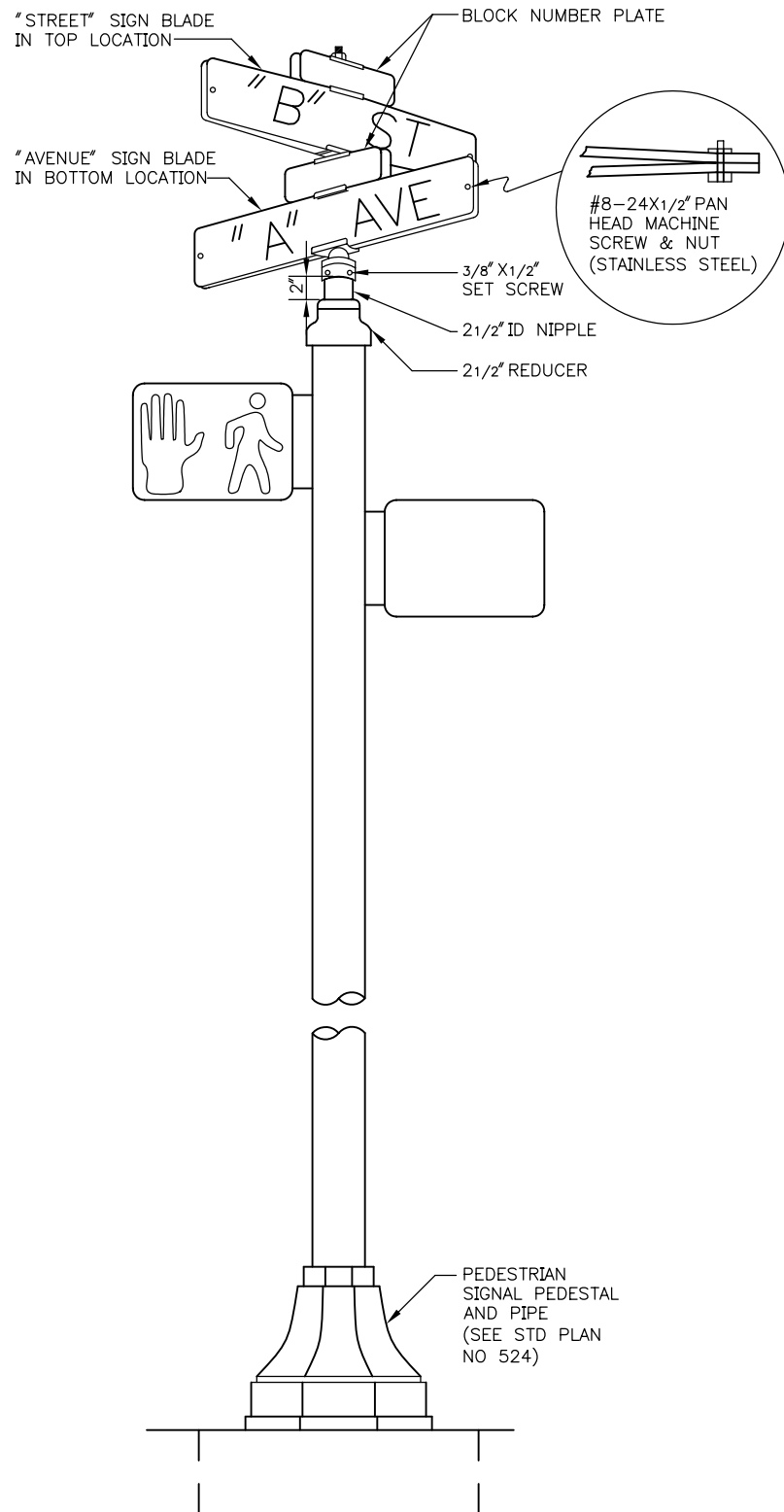
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

STREET NAME SIGN  
INSTALLATION



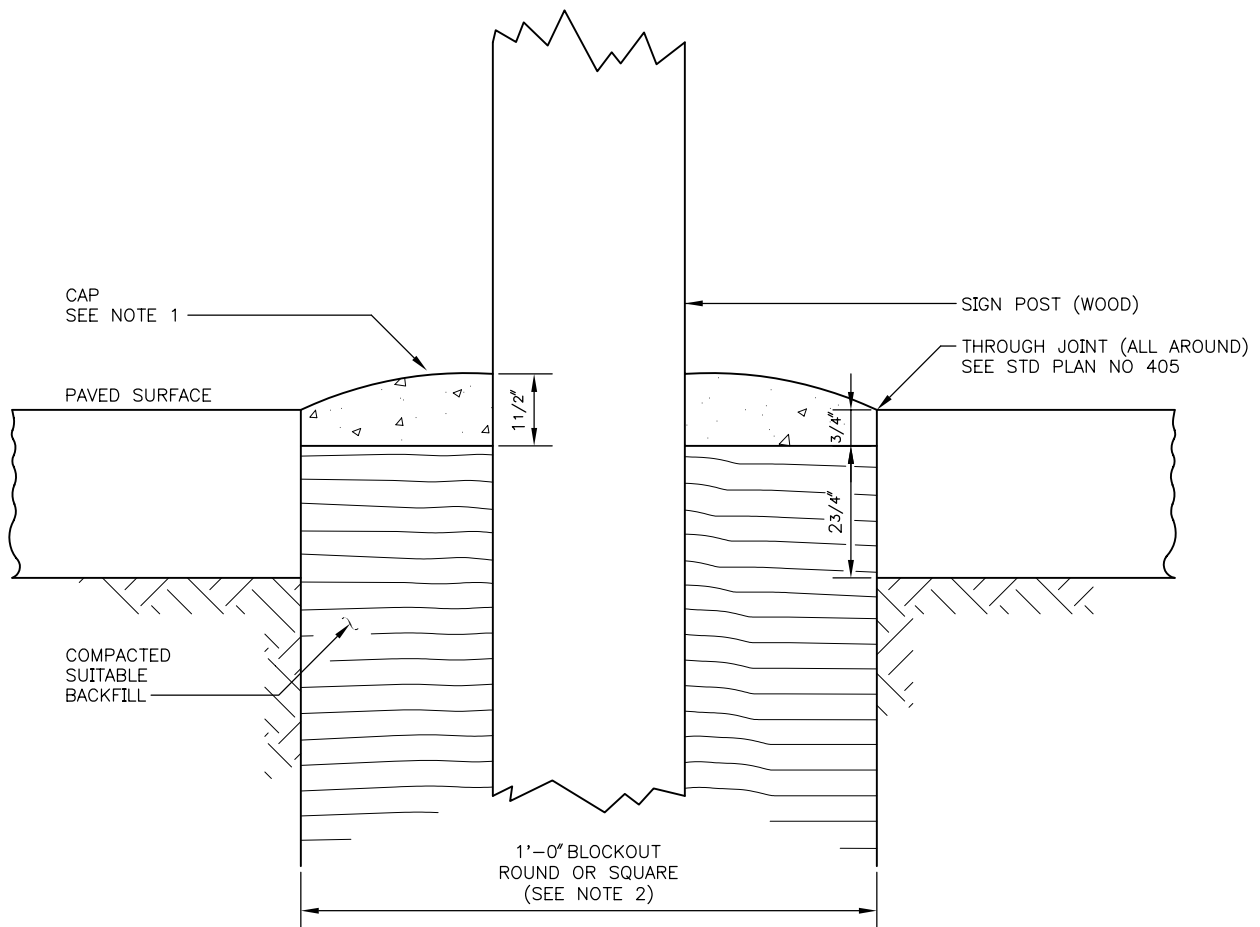
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

STREET NAME SIGN  
PEDESTAL INSTALLATION

**NOTES:**

1. CAP SHALL BE MADE OF THE SAME MATERIAL AS THE SURROUNDING PAVED SURFACE AND SHALL BE MOUNDED FOR DRAINAGE AWAY FROM POST
2. BLOCKOUTS SHALL BE PROVIDED FOR POST LOCATIONS WHERE NEW CONCRETE PAVEMENT (SIDEWALK, ROADWAY, ETC) IS BEING INSTALLED
3. WHERE POST IS BEING INSTALLED IN EXISTING PAVED AREAS, HOLE IN PAVED SURFACE SHALL NOT EXCEED 1'-0" NOMINAL DIAMETER

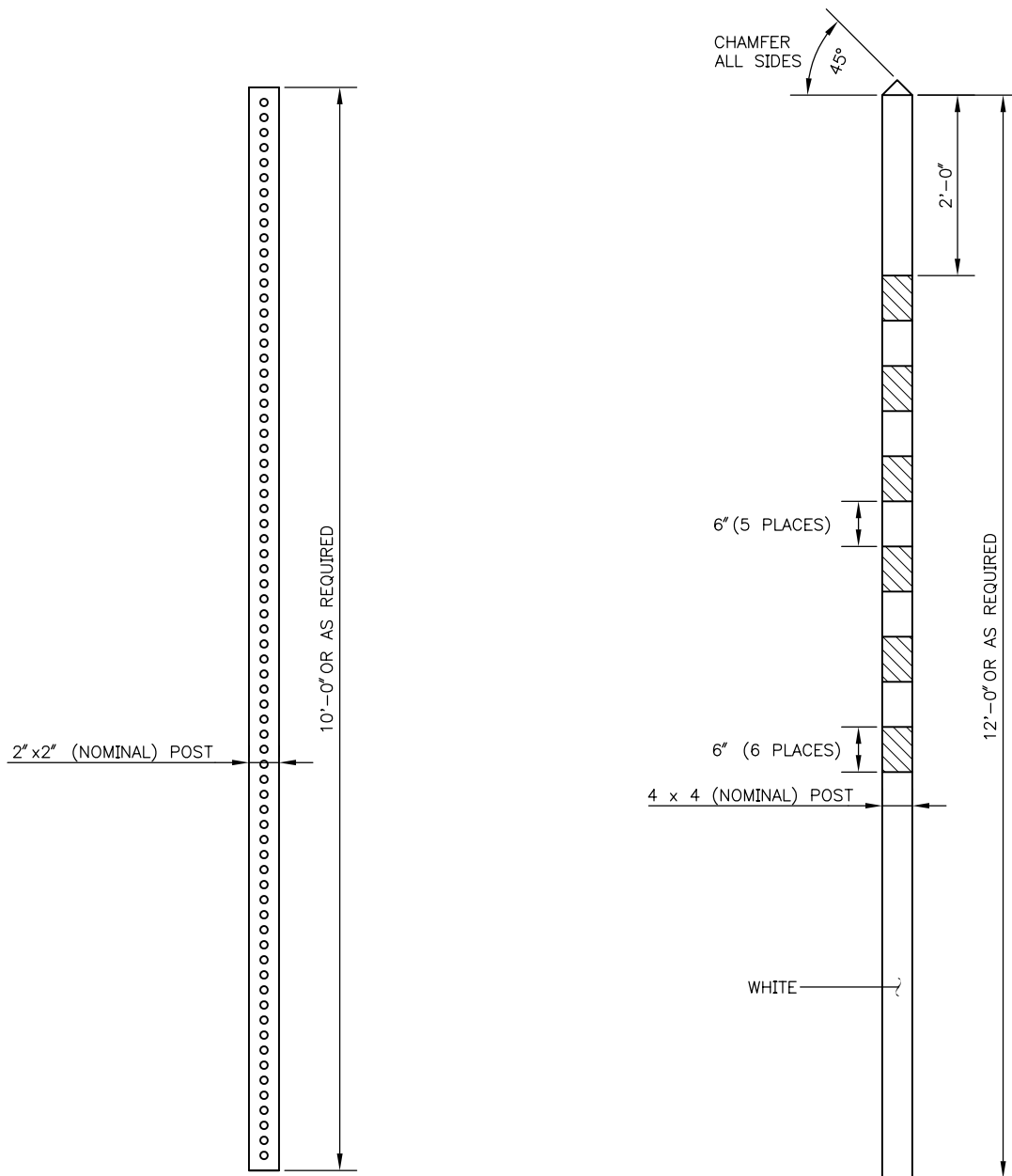
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

POST CAP



QWIK PUNCH TELESPAR STANDARD SIGN POST  
(TS-5, TS-10, TS-12)

WOOD STOP & YIELD SIGN  
POST  
 (P4-12S, P4-12Y)

NOTES:

1. FOR "STOP" SIGN, PAINT STRIPES ON ALL FOUR SIDES.
2. FOR "YIELD" SIGN, PAINT STRIPES ONLY ON SIDE FACING TRAFFIC.
3. SEE STD PLAN NO 620
4. "STOP" AND "YIELD" SIGN POST MATERIAL SHALL BE STANDARD GRADE WESTERN RED CEDAR

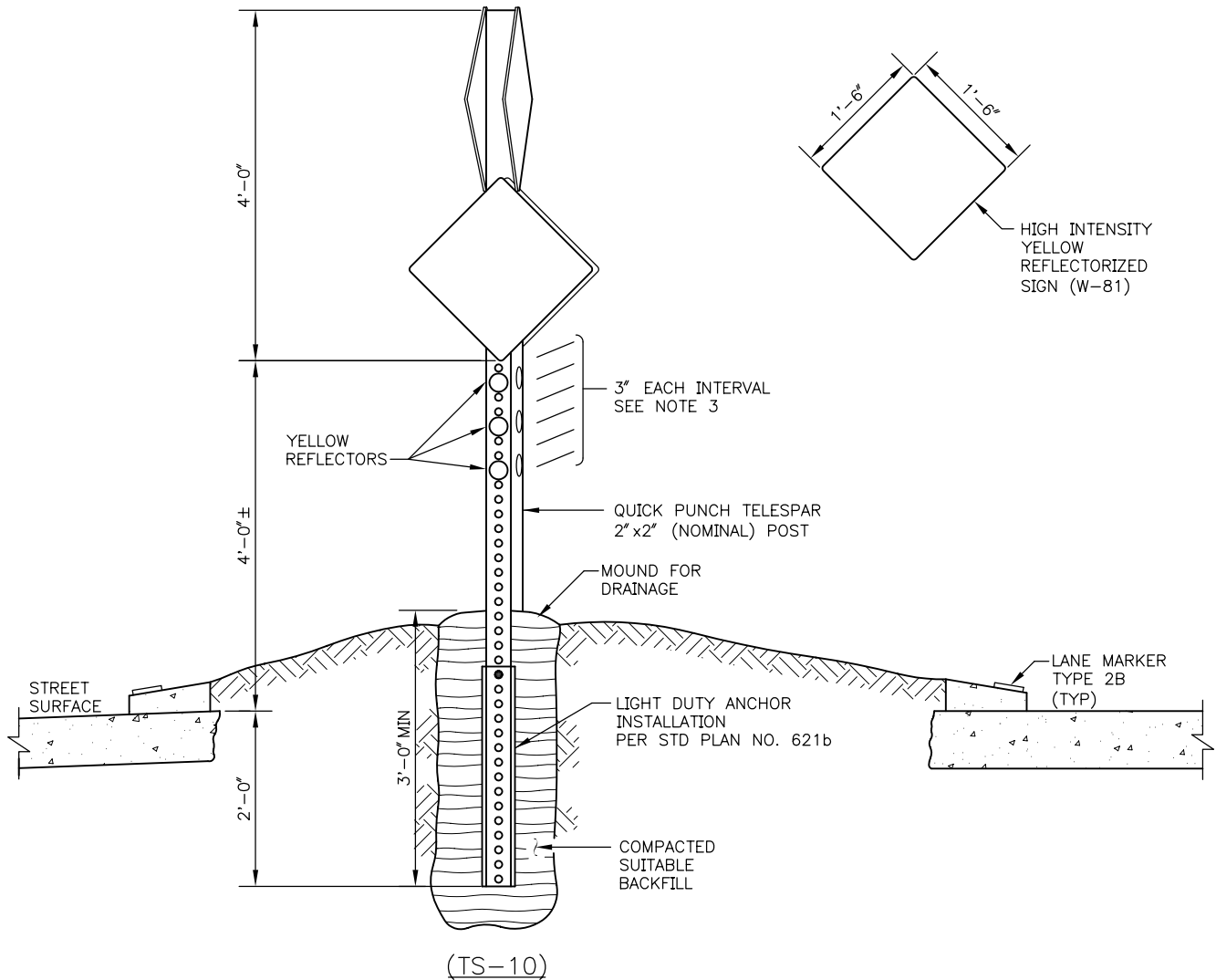
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

TRAFFIC SIGN POSTS

**NOTES:**

1. IN THE CASE WHERE ALL APPROACHES OF THE INTERSECTION ARE PRIMARILY AT THE SAME LEVEL WITH RESPECT TO GRADES (LESS THAN 3%) THE LOWER SET OF SIGNS SHALL FACE THE HIGHER TRAFFIC VOLUME STREET
2. IN THE CASE WHERE AN APPROACH HAS A GRADE LARGER THAN 3% THE HIGHER SIGNS WILL FACE THE STEEPEST APPROACH TO ALLOW BETTER SIGHT DISTANCE
3. PLACE A MINIMUM OF THREE (3) REFLECTORS ON EACH AND EVERY SIDE OF POST OR PLACE THREE (3) HIGH INTENSITY REFLECTORIZED STRIPS COMPLETELY AROUND POST

REF STD SPEC SEC 8-21



City of Seattle

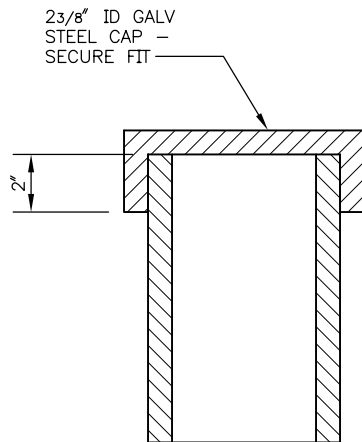
NOT TO SCALE

OBJECT MARKER INSTALLATION

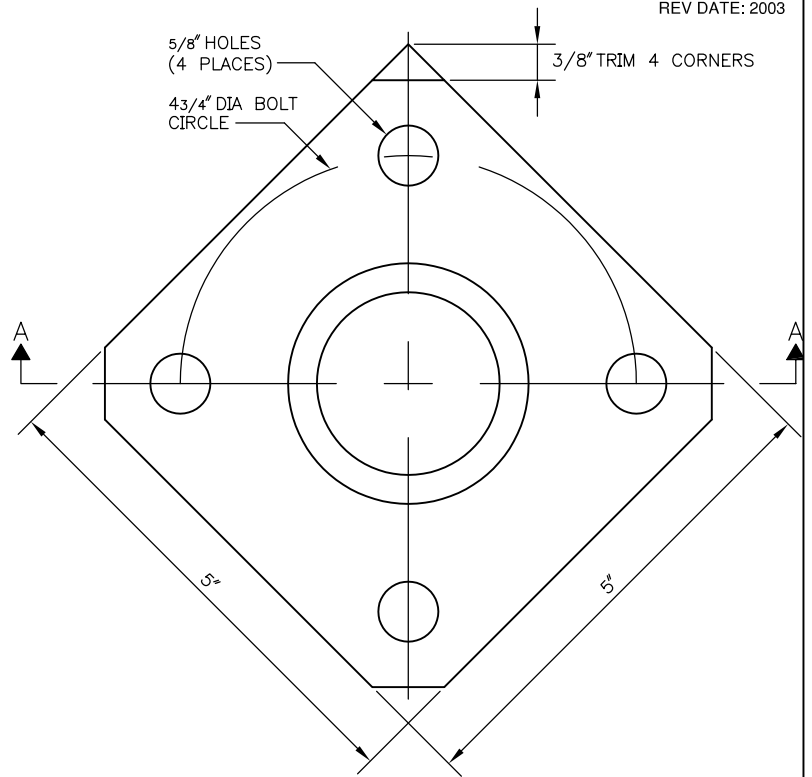


# STANDARD PLAN NO 627

REV DATE: 2003

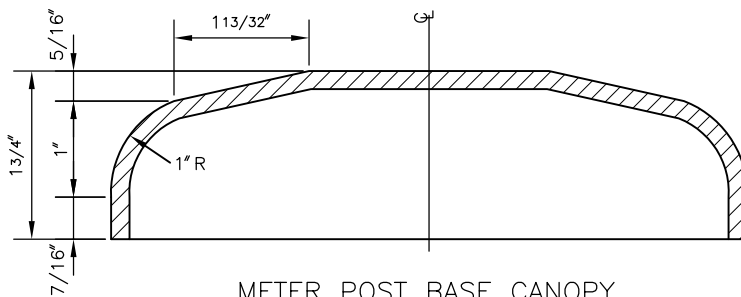
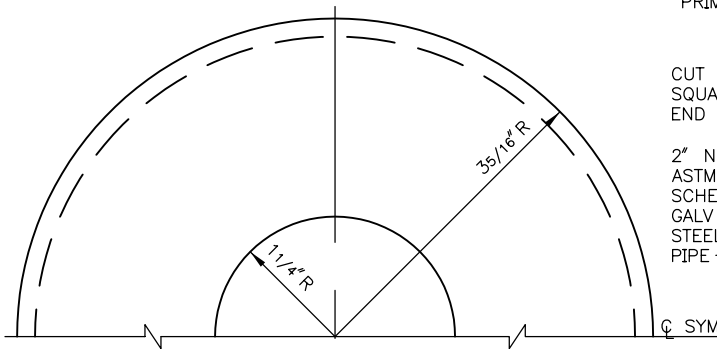


**METER POST CAP**  
(TO BE USED W/ SIGN INSTALLATION)



**METER POST**

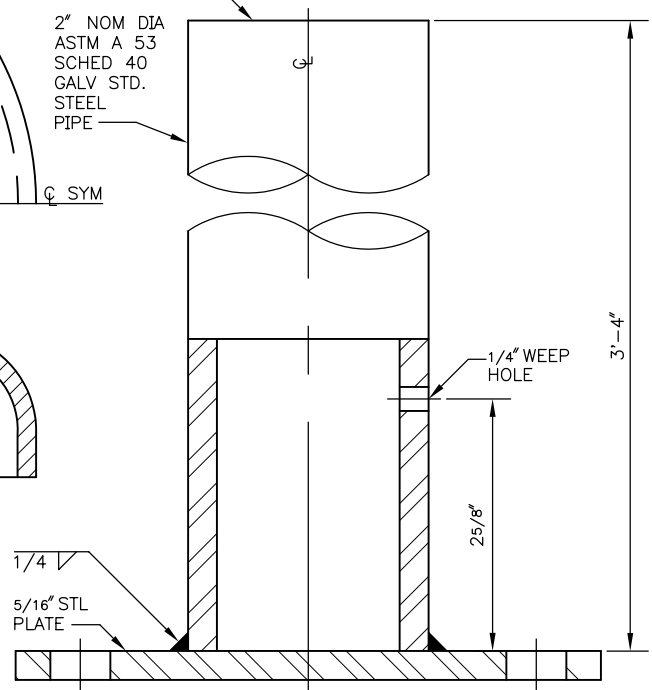
PRIME WITH "RUSTOLEUM" OR APPROVED EQUAL AND  
PAINT WITH TWO (2) COATS OF ALUMINUM



**METER POST BASE CANOPY**  
MATERIAL: 0.062' 2-5-0 ALUM

CUT OFF  
SQUARE PLAIN  
END - REAM

2" NOM DIA  
ASTM A 53  
SCHD 40  
GALV STD.  
STEEL  
PIPE



**SECTION A-A**

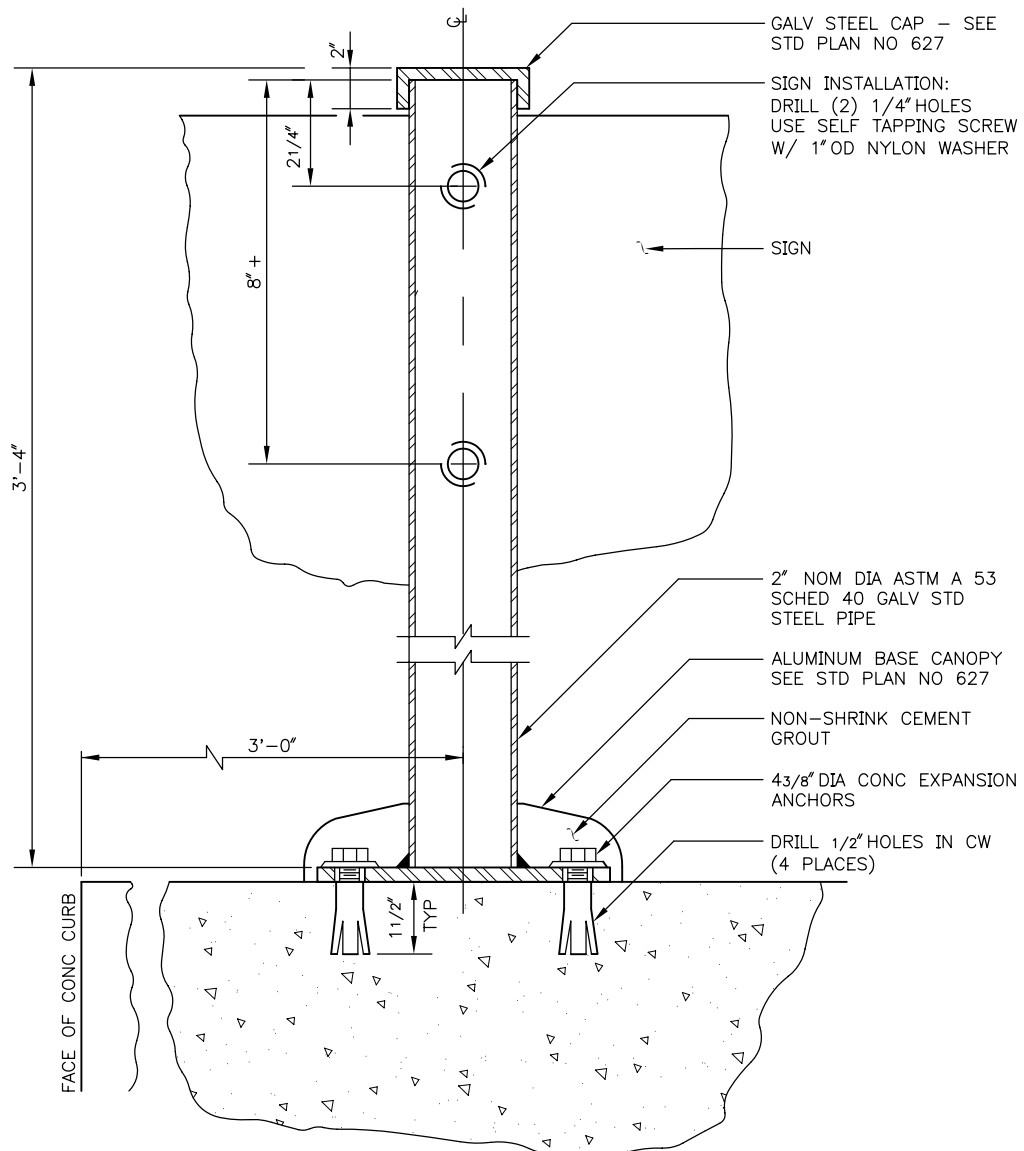
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

**PARKING METER POST &  
ACCESSORIES**



REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

SURFACE MOUNT METER  
POST INSTALLATION DETAIL

## REV DATE: 2003



NOT TO SCALE

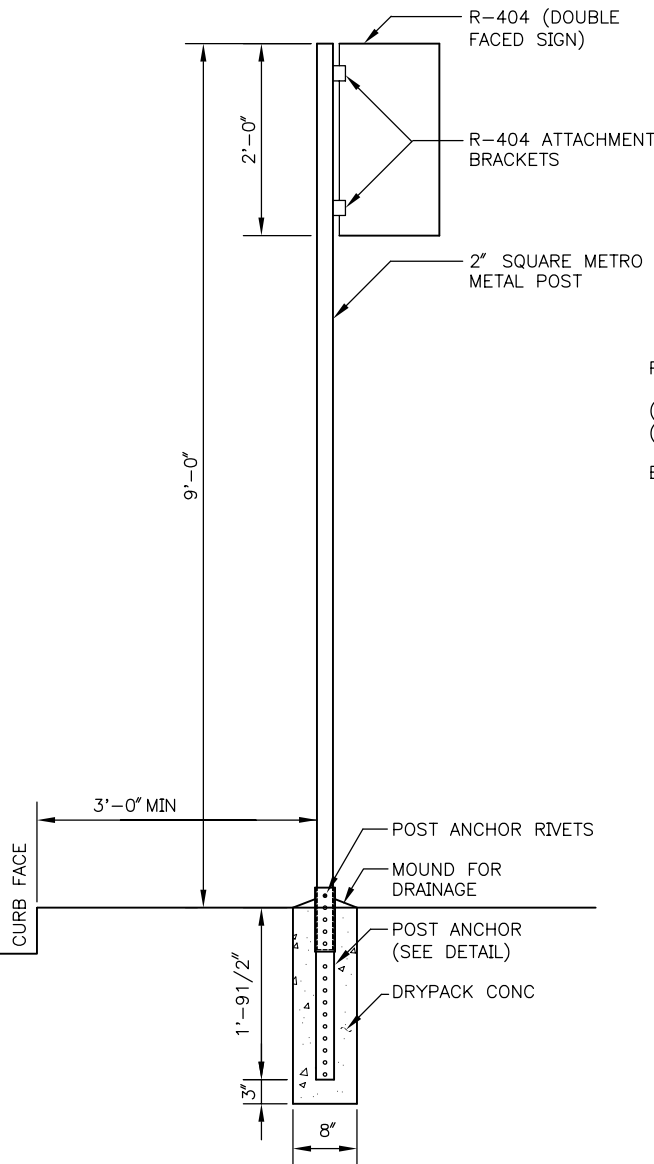
### DIRECT BURIAL METER POST INSTALLATION DETAIL

# STANDARD PLAN NO 630

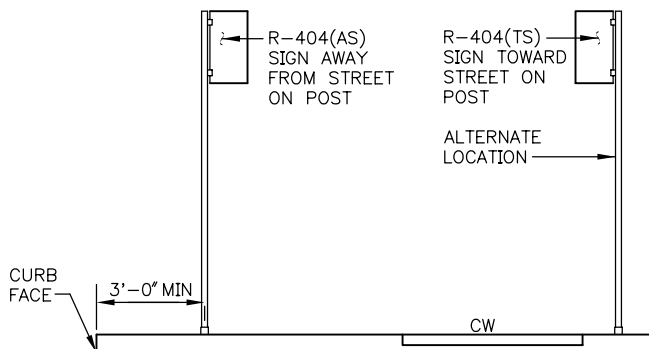
REV DATE: 2005

## NOTES:

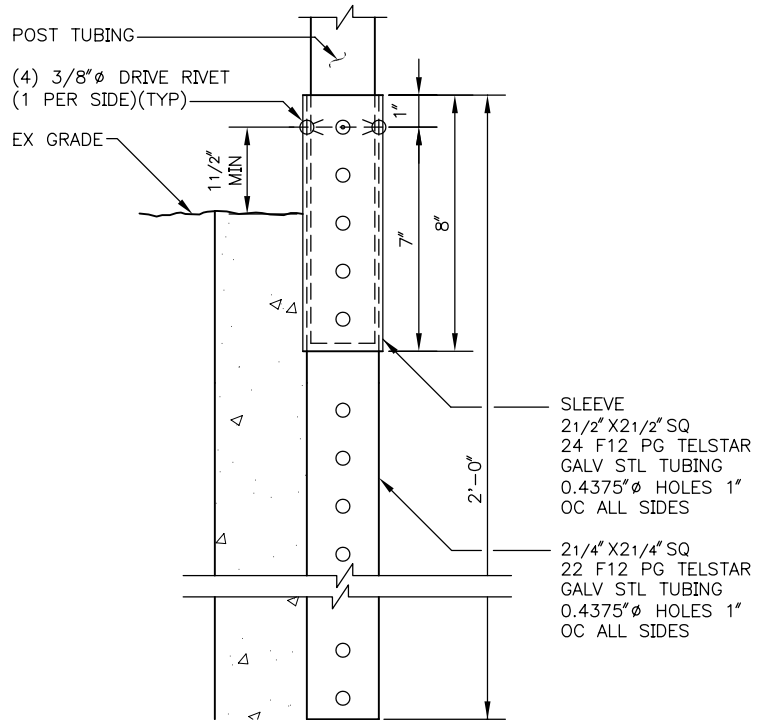
1. POST ANCHOR RIVETS SHALL BE 1 1/2" ABOVE GROUND LEVEL
2. ATTACHMENT BRACKETS SHALL FACE AWAY FROM STREET AS WHEN POST IS LOCATED 3'-0" FROM EDGE OF CURB. ATTACHMENT BRACKETS SHALL FACE TOWARDS STREET (TS) WHEN POST IS LOCATED AT BACK SIDE OF SIDEWALK
3. FOR POST RELOCATIONS, OLD CONCRETE SHALL BE REMOVED FROM POST
4. ALL SIGNS, STRUCTURES AND HARDWARE PROVIDED BY METRO EXCEPT WHERE NOTED OTHERWISE ON THIS STD PLAN.
5. WHERE SURFACE MOUNTED BUS ZONE SIGNS ARE REQUIRED ON SLOPED SIDEWALK, THE CONTRACTOR SHALL PLUMB THE POST BY BUILDING A NON-SHRINK GROUT PAD UNDER PEDESTAL ASSEMBLY WITH SMOOTH 1H TO 1V TAPER ON THE GROUT EDGE. THE BOLT ANCHOR LENGTH SHALL BE ADJUSTED TO PROVIDE A MIN 3 1/2 INCH EMBEDMENT THROUGH THE GROUT INTO THE EXISTING CONCRETE.



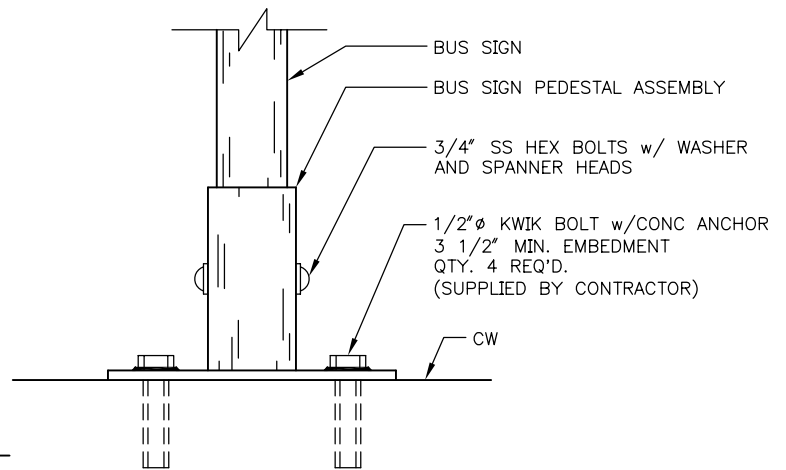
DIRECT BURIAL INSTALLATION



SIGN LOCATION DETAIL



POST ANCHOR DETAIL



SURFACE MOUNT INSTALLATION

REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

METRO BUS ZONE SIGN  
INSTALLATION